BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE ELECTRICAL DIVISION

Name of work:- Detailed Estimate for Providing Street Lights in ward No 12.Shettyhalli

Budget Head .....

Division No..... Estimate No. ..... For Rs. **1000000.00**

Sl.No.	SR Page & SL No	Description of Work	Unit	Qty.	Rate Rs.	Amount
1	50/6.41.1	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos	80	2178.00	174240.00
2	46/6.13.A.1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Nos	90	4044.00	363960.00
3	64/7.21.7	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	240	20.59	4941.60
4	BESCOM SR 2018-19 49.02	Supplay and Laying of 1.1KV Class HR (Heat Resistant) PVC Insulated & UnSheathed Aluminium Wires Multistrand Single core Lead wires as per IS694: 2010 PVC Wire - 25 Sqmm Al Wt: 6.7 Kgs, Total Wt: 11.5Kgs for 100Mtrs	Per Mtr	1200	32.31	38772.00
5	2/1.1.2	Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.25mm dia 2mm thick	Per Mtr	500	70.00	35000.00
6	49 /6.39.2	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)50X50X6 mm	Mtrs	120	263.00	31560.00
7	49 /6.40.1	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 16 SWG	SqCm	120000	0.33	39600.00

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8	7 9/32	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc., Group 'A' PWD SR 2007-08	Each	10	4200.00	42000.00
9	46 /6.12.4	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.	Each	10	9915.00	99150.00
10	17 /3.10	Supplying and fixing hylum brand hand plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F.screws.	SqCm	32000	0.22	7040.00
11	34/5.11	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).	Mtrs	500	30.00	15000.00
12	34/5.9.1	1.1 KV Pin Insulator	Nos	20	44.00	880.00
13	34/5.9.2	No. 8 Strain Insulator	Nos	15	14.00	210.00
14	33/5.4.2	2 Pin 45x45x5mm -510mm	Nos	20	306.00	6120.00
		Total Rs				**858473.60**
		Add KRIDL Charges 4%				34338.94
		Total				**892812.54**
		Add GSt 12%				107137.51
		Mislenious				49.95
		Grand Total Rs				**1000000.00**

CERTIFICATE

1. The Place was inspected and work is essential.
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD (Elec) SR of 2014-15 and BESCOM SR 2018-19 .

Junior Engineer (Elec)
Bruhath Bangalore Mahanagara Palika
Dasarahalli Zone, Bangalore

Asst. Exe.Engineer (Elec)
DASARAHALLI Zone
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

EXECUTIVE ENGINEER (ELEC)
DASARAHALLI ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE
Dasarahalli Zone

ಸಂಖ್ಯೆ. ಬೃ.ಬೆಂ.ಮ.ಪಾ : ದಾ.ವ : ತಾಂತ್ರಿಕ : 23/ 2019-2020 - 200

ದಿನಾಂಕ: 26-07-2019 ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ. 10.00

ಅಕ್ಷರಗಳಲ್ಲಿ Ten Lakhs

ಗಳಿಗೆ ಮಾತ್ರ 2019-2020 200 - 200 ನೇ ಸಾಲಿನ ದರಗಳ ಪಟ್ಟಿಯಂತೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು-57.

ನಂ.....ಕಾ.ಅ.(ವಿ):ದಾ.ವ: 25 2019-2020 - 200
ದಿನಾಂಕ 25-07-2019 ರೂ. 10 Lakhs ಅಕ್ಷರಗಳಲ್ಲಿ
Ten Lakhs ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ್ದು
ಪಟ್ಟಿ ಸಂಖ್ಯೆ 32 ಕ್ರಮಸಂಖ್ಯೆ 25
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ವಿ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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